

Converting Colors

YUV(166.1830, -27.6982,
17.3795)

Have a look what the booklet for
YUV(166.1830, -27.6982, 17.3795)
contains.

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Color

**YUV(166.1830, -27.6982,
17.3795)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA76E
RGB	186, 167, 110
RGB Percent	73%, 65%, 43%
CMY	0.2706, 0.3451, 0.5686
CMYK	0.00, 0.10, 0.41, 0.27
HSL	45°, 36%, 58%
HSV	45°, 41%, 73%
XYZ	36.8829, 39.2023, 20.3747
YIQ	166.1830, 29.6210, -13.6990

Conversions

Conversions Part 2

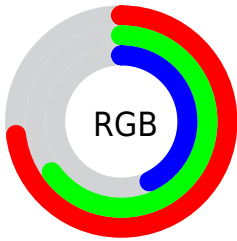
Format	Color
RYB	135, 186, 110
Decimal	12232558
CIELab	68.90, -1.24, 31.98
CIELCh	69, 32.004, 92.222
Yxy	39.2023, 0.3824, 0.4064
Android (android.graphics.Color)	4290422638 (0xFFBAA76E)
YUV	166.1830, -27.6982, 17.3795
Hunter-Lab	62.6118, -4.4211, 24.5345

Details

The YUV color **166.1830, -27.6982, 17.3795** is a light color, and the websafe version is hex **999966**. A complement of this color would be **129.8170, 27.6982, -17.3795**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.4390, -29.3034, 18.9090**, and **113.6280, -25.9456, 15.2352** is the 20% darker color. If you saturate the color by 10%, you get **161.0820, -34.5504, 21.8531**, and if you desaturate by 10%, it is **171.2840, -20.8460, 12.9059**.

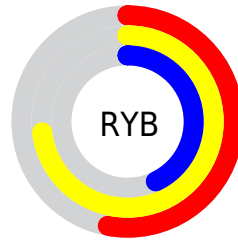
Distribution



Red (73%)

Green (65%)

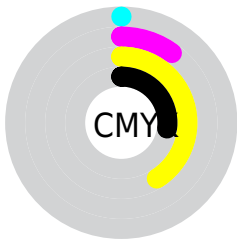
Blue (43%)



Red (53%)

Yellow (73%)

Blue (43%)

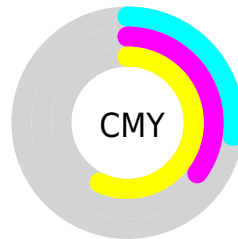


Cyan (0%)

Magenta (10%)

Yellow (41%)

Black (27%)



Cyan (27%)


Magenta (35%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YUV color 166.1830, -27.6982, 17.3795 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 166.1830, -27.6982, 17.3795 by changing the saturation by 10% instead.


 166.1830,
-27.6982, 17.3795


 166.1830,
-27.6982, 17.3795


255.0000, 0.0000,
0.0000

 139.6990,
-26.9666, 16.0500


 221.4390,
-29.3034, 18.9090


 113.6280,
-25.9456, 15.2352


 245.2420,
-27.2343, 8.5578


 89.1440, -25.2140,
13.9057

 250.7820,
-16.1615, 3.6992

 64.9590, -24.6298,
13.1910

 253.9740, -3.9312,
0.8998

 43.1590, -21.2774,
11.2616

 24.2430, -11.9518,
6.8029

 0.0000, 0.0000,

0.0000

■ 166.1830,
-27.6982, 17.3795

■ 166.1830,
-27.6982, 17.3795

■ 161.0820,
-34.5504, 21.8531

■ 171.2840,
-20.8460, 12.9059

■ 156.6820,
-41.2552, 25.7119

■ 175.6840,
-14.1412, 9.0471

■ 151.5810,
-48.1074, 30.1855

■ 180.7850, -7.2890,
4.5736

■ 146.5940,
-54.5228, 34.5591

■ 185.7720, -0.8736,
0.2000

■ 142.0800,
-61.6644, 38.5178

■ 190.2860, 6.2680,
-3.7588

■ 137.7940,
-67.9324, 42.2767

■ 195.3870, 13.1202,
-8.2324

■ 200.3740, 19.5356,
-12.6060

■ 204.4320, 24.9300,
-16.1649

■ 207.3670, 23.4831,
-18.7389

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



168.4010, -24.8477, 36.4823



166.1830, -27.6982, 17.3795



163.1090, -22.2387, -7.1116

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



166.1830, -27.6982, 17.3795



150.6240, 23.3564, -71.5842



172.8740, 11.4011, 29.9285

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



166.1830, -27.6982, 17.3795



129.8170, 27.6982, -17.3795

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



170.9830, 22.6864, 3.5229



166.1830, -27.6982, 17.3795



156.3620, 30.8805, -58.1995

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



166.1830, -27.6982, 17.3795



153.5860, 7.5991, -57.5189



165.0220, 30.0622, -28.9603



171.7160, -2.3250, 45.8531

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



166.1830, -27.6982, 17.3795



160.4750, -14.0382, -24.0956



165.0220, 30.0622, -28.9603



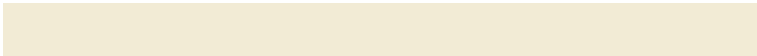
172.2690, 15.6434, 22.5661

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



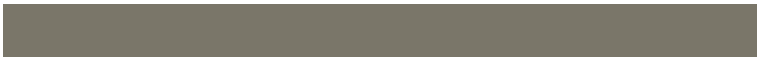
166.1830, -27.6982, 17.3795



234.5850, -10.6414, 6.5030



134.8900, -2.9038, 44.8235



117.7140, -6.2680, 3.7588



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



166.1830, -27.6982, 17.3795



211.5250, -43.1498, 26.7266



171.6550, -30.3959, -4.0824



89.8000, -3.3524, 1.9294



115.3230, -56.8542, 35.6737



20.6990, -10.2046, 6.4030

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



129.8170, 27.6982, -17.3795



154.4750, 43.1498, -26.7266



124.3450, 30.3959, 4.0824



85.2000, 3.3524, -1.9294



40.6770, 56.8542, -35.6737



7.3010, 10.2046, -6.4030

Previews

White Background



This preview shows how the YUV color 166.1830, -27.6982, 17.3795 looks on a white background.

Color Contrast Check

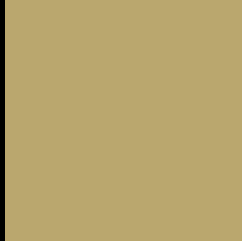
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 166.1830, -27.6982, 17.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

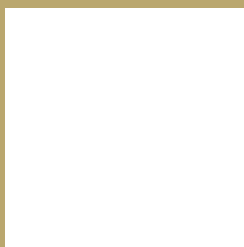
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 166.1830, -27.6982, 17.3795

Background



This preview shows how black text looks on a background with the YUV color 166.1830, -27.6982, 17.3795.



This preview shows how white text looks on a background with the YUV color 166.1830, -27.6982, 17.3795.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

166.1830, -27.6982, 17.3795

Protanopia

165.8730, -27.5454, 15.0204

Deuteranopia

167.5590, -27.8836, 30.2048



Tritanopia

170.6480, 0.6665, 19.6027

Trichromacy



Original Color

166.1830, -27.6982, 17.3795

Protanomaly

166.1720, -27.6928, 15.6352

Deuteranomaly

166.9390, -27.5779, 25.4865

Tritanomaly

168.8900, -9.8058, 18.5135

Monochromacy



Original Color

166.1830, -27.6982, 17.3795

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.8130, -9.7678, 6.3030

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.1830, -27.6982, 17.3795 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(186, 167, 110)` looks like.

```
.text, #text, p{  
    color:rgb(186, 167, 110)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(186, 167, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 167, 110) }
```

Border

The CSS property to change the border of an element to YUV 166.1830, -27.6982, 17.3795 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

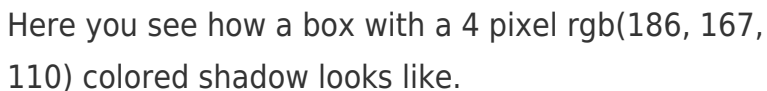
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 167, 110) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(186, 167, 110) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(186, 167, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 167, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 167, 110); box-shadow:4px 4px 4px 4px rgb(186, 167, 110) }
```

Background

The CSS property to change the background color of an element to YUV 166.1830, -27.6982, 17.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 167, 110) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(186,  
167, 110) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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